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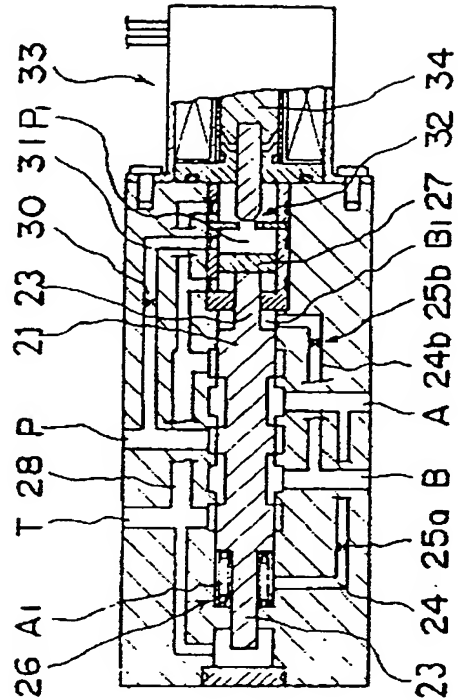
APPLICATION DATE : 06-05-88
APPLICATION NUMBER : 63110202

APPLICANT : KAYABA IND CO LTD;

INVENTOR : MASAMURA TATSUYA;

INT.CL. : F15B 13/043 B60G 17/00

TITLE : CONTROL VALVE DEVICE FOR
ACTIVE SUSPENSION



ABSTRACT : PURPOSE: To eliminate a force detector and a feedback control circuit by providing pressure chambers at the both sides of a spool and respectively applying port pressure for supply and discharge to the pressure chambers.

CONSTITUTION: Feedback pressure chambers A1, B1 are provided at the both sides of a spool 21, pressure of a port A is introduced to the pressure chamber A1 and pressure of a port B is introduced to the pressure chamber B1. Accordingly, the movement of the spool is directly determined by balance between impellent force proportional to a signal current according to aimed value of the produced force of a hydraulic cylinder and impellent force added by differential pressure between chamber pressure of the hydraulic cylinder so that a force detector and a feedback control circuit, etc. are eliminated.

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